

Title (en)
LAUNDRY TREATING APPARATUS

Title (de)
WÄSCHEBEHANDLUNGSVORRICHTUNG

Title (fr)
APPAREIL DE TRAITEMENT DU LINGE

Publication
EP 4039876 A1 20220810 (EN)

Application
EP 22154699 A 20220202

Priority
KR 20210017560 A 20210208

Abstract (en)
A laundry treating apparatus is disclosed. The laundry treating apparatus includes a cabinet, a drum, the base, and a motor. The base is disposed under the drum to provide a space in which air inside the drum circulates. The motor is disposed in rear of the drum and disposed spaced apart from the base, and provides power to rotate the drum. The base includes an air circulating channel, a heat exchanger, a water collector body, a pump, a cleaning water channel, and a nozzle cover. The cleaning water channel is disposed on a top face of the air circulating channel, and receives water from the pump, and discharges the received water to the first heat exchanger. The nozzle cover is coupled to the top face of the circulating channel so as to shield the cleaning water channel.

IPC 8 full level
D06F 58/24 (2006.01)

CPC (source: CN EP KR US)
D06F 58/02 (2013.01 - CN); **D06F 58/04** (2013.01 - KR US); **D06F 58/20** (2013.01 - CN KR); **D06F 58/206** (2013.01 - US);
D06F 58/24 (2013.01 - EP KR US); **D06F 58/26** (2013.01 - CN); **D06F 58/45** (2020.02 - CN)

Citation (applicant)
• JP S5581914 A 19800620 - KINGU NENSHIYOUKI KK
• JP S55115455 A 19800905 - APPLETON PAPER INC
• JP S5763724 A 19820417 - HITACHI LTD
• JP S57124674 A 19820803 - TOKYO SHIBAURA ELECTRIC CO

Citation (search report)
• [A] WO 2019216639 A1 20191114 - LG ELECTRONICS INC [KR]
• [A] WO 2017119586 A1 20170713 - LG ELECTRONICS INC [KR]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 4039876 A1 20220810; EP 4039876 B1 20230906; CN 114908534 A 20220816; KR 20220114270 A 20220817; US 2022251767 A1 20220811

DOCDB simple family (application)
EP 22154699 A 20220202; CN 202210118766 A 20220208; KR 20210017560 A 20210208; US 202217666998 A 20220208